```
$%^Other;HighlightOn=**;HighlightOff=**;
Trying 01081...Open

PLEASE ENTER HOST PORT ID:
PLEASE ENTER HOST PORT ID:x
LOGINID:D270JYC
PASSWORD:
TERMINAL (ENTER 1, 2, 3, 4, OR ?): 3


* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*                                                             *
*          Welcome to MESSENGER (APS Text) at USPTO           *
*                                                             *
*                                                             *
*     The USPTO production files are current through:         *
*     DECEMBER 01,1998   for U.S. Patent Text Data.           *
*     DECEMBER 01,1998   for U.S. Current Classification Data. *
*     DECEMBER 01,1998   for U.S. Patent Image Data.          *
*                                                             *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*         * PLEASE USE 305-9000 FOR NEW TELEPHONE NUMBER *    *
*                                                             *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
* More U.S. patent data is now available on APS.  The new     *
* USOCR file contains patents issued in 1970, plus some       *
* patents that were missing from the USPAT file.  See the     *
* Patents News Folder under the Public Folders in e-mail for  *
* more information on using the new file.  Thank you.         *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*  DISCLAIMER:                                                *
*  Neither the United States Government, nor any agency       *
*  thereof, nor any of their contractors, subcontractors or   *
*  employees make any warranty, expressed or implied,         *
*  including any warranty of marketability of fitness for a   *
*  particular purpose; nor assumes any legal liability or     *
*  responsibility for any party's use, or the results of      *
*  such, of the data.                                         *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*              Help Desk --> 703-305-9000                     *
*                                                             *
*    The Help Desk is staffed for APS support 7 days/week.    *
*       Monday through Friday:      6:30am - 9:00pm           *
*       Saturday, Sunday, Holidays: 8:30am - 5:00 pm          *
*                                                             *
*    The Help Desk staff at this number will handle all APS   *
*    related questions.                                       *
* * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
*    >>>>>>>>>>>>> NEW SUNDAY HOURS !!! <<<<<<<<<<<<<<         *
*                                                             *
*    The APS is available:                                    *
*            6:30am - 9:00pm Monday through Friday            *
*            7:30am - 5:00pm Saturday, Sunday, Holidays       *
*                                                             *
*      APS is unavailable Thanksgiving Day, Christmas Day,    *
*      and New Year's Day.                                    *
```

```
        *                                                              *
       *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *
       FILE 'USPAT' ENTERED AT 15:52:15 ON 07 DEC 1998

         *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *
         *                 W E L C O M E    T O    T H E                          *
         *           U. S.   P A T E N T    T E X T    F I L E                    *
         *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *

    => s (verify or authenticate or confirm)

            30112 VERIFY
             1238 AUTHENTICATE
            35660 CONFIRM
    L1      62442 (VERIFY OR AUTHENTICATE OR CONFIRM)

    => credit card

    'CREDIT' IS NOT A RECOGNIZED COMMAND

    => s credit card

            10796 CREDIT
            55235 CARD
    L2       6175 CREDIT CARD
                    (CREDIT(W)CARD)

    => s credit card transaction

            10796 CREDIT
            55235 CARD
            12258 TRANSACTION
    L3        217 CREDIT CARD TRANSACTION
                    (CREDIT(W)CARD(W)TRANSACTION)

    => s his

    L4       159171 HIS

    => d his


        (FILE 'USPAT' ENTERED AT 15:52:15 ON 07 DEC 1998)
    L1        62442 S (VERIFY OR AUTHENTICATE OR CONFIRM)
    L2         6175 S CREDIT CARD
    L3          217 S CREDIT CARD TRANSACTION
    L4       159171 S HIS
    L7           11 L1 (W) L2

    => e cybersource /as
```

E#	FILE	FREQUENCY	AT	TERM
--	----	---------	--	----
E1	USPAT	1		CYBERSONIC CORPORATION/AS
E2	USPAT	1		CYBERSONICS INC/AS
E3	USPAT	0	-->	CYBERSOURCE/AS
E4	USPAT	1		CYBERSTRIP INC/AS

```
E5     USPAT          3       CYBERTRONICS LTD/AS
E6     USPAT          2       CYBERWARE LABORATORY INC/AS
E7     USPAT          1       CYBERWERKS INTERACTIVE LLC/AS
E8     USPAT          3       CYBEX COMPUTER PRODUCTS CORPORATI
                              ON/AS
E9     USPAT         13       CYBEX CORPORATION/AS
E10    USPAT          6       CYBEX INTERNATIONAL INC/AS
E11    USPAT          1       CYBEX TECHNOLOGIES CORP/AS
E12    USPAT          1       CYBIOTRONICS LIMITED/AS

=> e fraudscan

E#     FILE         FREQUENCY  TERM
--     ----         ---------  ----
E1     USPAT          6        FRAUDPROOF/BI
E2     USPAT         92        FRAUDS/BI
E3     USPAT          0  -->   FRAUDSCAN/BI
E4     USPAT          1        FRAUDSMAN/BI
E5     USPAT          7        FRAUDSTER/BI
E6     USPAT          4        FRAUDSTERS/BI
E7     USPAT          9        FRAUDULANT/BI
E8     USPAT          1        FRAUDULANTLY/BI
E9     USPAT          3        FRAUDULENCE/BI
E10    USPAT          2        FRAUDULENCY/BI
E11    USPAT       1745        FRAUDULENT/BI
E12    USPAT        536        FRAUDULENTLY/BI

=> e CyberSource /as

E#     FILE         FREQUENCY  AT    TERM
--     ----         ---------  --    ----
E1     USPAT          1              CYBERSONIC CORPORATION/AS
E2     USPAT          1              CYBERSONICS INC/AS
E3     USPAT          0        -->   CYBERSOURCE/AS
E4     USPAT          1              CYBERSTRIP INC/AS
E5     USPAT          3              CYBERTRONICS LTD/AS
E6     USPAT          2              CYBERWARE LABORATORY INC/AS
E7     USPAT          1              CYBERWERKS INTERACTIVE LLC/AS
E8     USPAT          3              CYBEX COMPUTER PRODUCTS CORPORATI
                                     ON/AS
E9     USPAT         13              CYBEX CORPORATION/AS
E10    USPAT          6              CYBEX INTERNATIONAL INC/AS
E11    USPAT          1              CYBEX TECHNOLOGIES CORP/AS
E12    USPAT          1              CYBIOTRONICS LIMITED/AS

=> e Cyber Source /as

E#     FILE         FREQUENCY  AT    TERM
--     ----         ---------  --    ----
E1     USPAT          4              CYBER SCIENTIFIC/AS
E2     USPAT          1              CYBER SCIENTIFIC INC/AS
E3     USPAT          0        -->   CYBER SOURCE/AS
E4     USPAT          1              CYBERCOM CORPORATION/AS
E5     USPAT          1              CYBERDAN AS/AS
E6     USPAT          1              CYBERDENT INC/AS
E7     USPAT          1              CYBERDISK INC/AS
E8     USPAT          1              CYBERDYNAMICS INC/AS
```

```
E9      USPAT              4        CYBEREX INC/AS
E10     USPAT              1        CYBEREX INCORPORATED/AS
E11     USPAT              2        CYBERFLIX INC/AS
E12     USPAT              1        CYBERFLUOR INC/AS

=> e Internet Fraud screen /ti

E#      FILE          FREQUENCY   TERM
--      ----          ---------   ----
E1      USPAT              3        INTERNESTING/TI
E2      USPAT             63        INTERNET/TI
E3      USPAT              0  -->   INTERNET FRAUD SCREEN/TI
E4      USPAT             14        INTERNETWORK/TI
E5      USPAT              1        INTERNETWORKED/TI
E6      USPAT             11        INTERNETWORKING/TI
E7      USPAT              1        INTERNIKI/TI
E8      USPAT              3        INTERNODAL/TI
E9      USPAT              3        INTERNODE/TI
E10     USPAT              6        INTERNUCLEOSIDE/TI
E11     USPAT              1        INTERNUCLEOSIDYL/TI
E12     USPAT              3        INTERNUCLEOTIDE/TI

=> e Fraud screen /ti

E#      FILE          FREQUENCY   TERM
--      ----          ---------   ----
E1      USPAT              7        FRAU/TI
E2      USPAT             96        FRAUD/TI
E3      USPAT              0  -->   FRAUD SCREEN/TI
E4      USPAT             33        FRAUDULENT/TI
E5      USPAT              1        FRAUDULENTLY/TI
E6      USPAT             13        FRAUNHOFER/TI
E7      USPAT              1        FRAXINUS/TI
E8      USPAT              5        FRAY/TI
E9      USPAT              2        FRAYED/TI
E10     USPAT              4        FRAYING/TI
E11     USPAT              2        FRAYLESS/TI
E12     USPAT              2        FRAZIL/TI

=> e ivs /ti

E#      FILE          FREQUENCY   TERM
--      ----          ---------   ----
E1      USPAT             12        IVORY/TI
E2      USPAT              3        IVORYLIKE/TI
E3      USPAT              0  -->   IVS/TI
E4      USPAT             17        IVY/TI
E5      USPAT              1        IWT/TI
E6      USPAT             31        IX/TI
E7      USPAT              2        IXODICIDES/TI
E8      USPAT              1        IXODID/TI
E9      USPAT              1        IXODIDES/TI
E10     USPAT              2        IXORA/TI
E11     USPAT              1        IXOXAZOLIDINONE/TI
E12     USPAT              1        IYQY/TI

=> s CyberSource
```

```
L1              1 CYBERSOURCE

=> e john philip pettitt /in

E#      FILE            FREQUENCY  TERM
--      ----            ---------  ----
E1      USPAT               1      JOHN NEE RUEFFLER, FRIEDLINDE HEIRESS/I
                                   N
E2      USPAT               1      JOHN NEE RUFFLER, BY FRIEDLINDE HEIR/IN
E3      USPAT               0 -->  JOHN PHILIP PETTITT/IN
E4      USPAT               1      JOHN, ALFRYN I/IN
E5      USPAT               1      JOHN, ANDREW/IN
E6      USPAT               1      JOHN, ANDREW E/IN
E7      USPAT               1      JOHN, ANGELO P/IN
E8      USPAT               4      JOHN, ANSEL N/IN
E9      USPAT               1      JOHN, ASHA MARY/IN
E10     USPAT               1      JOHN, BERCHMANS/IN
E11     USPAT               2      JOHN, BOBAN K/IN
E12     USPAT               1      JOHN, CARL/IN

=> e pettitt /in

E#      FILE            FREQUENCY  TERM
--      ----            ---------  ----
E1      USPAT               1      PETTITCOLLIN, JEAN MARC/IN
E2      USPAT               1      PETTITO, JOHN J SR/IN
E3      USPAT               0 -->  PETTITT/IN
E4      USPAT               1      PETTITT, BRUCE C/IN
E5      USPAT               5      PETTITT, DAVID J/IN
E6      USPAT              10      PETTITT, EDWARD D/IN
E7      USPAT               1      PETTITT, GEORGE F/IN
E8      USPAT               1      PETTITT, GREGORY/IN
E9      USPAT               4      PETTITT, GREGORY S/IN
E10     USPAT               1      PETTITT, JAMES H/IN
E11     USPAT               1      PETTITT, MALCOLM JACK/IN
E12     USPAT               3      PETTITT, MARTIN J/IN

=> s e3 and mastercard

            321 AVS/BI
            153 MASTERCARD
L1            2 AVS/BI AND MASTERCARD

=> e automatic verification system

E#      FILE            FREQUENCY  TERM
--      ----            ---------  ----
E1      USPAT               4      AUTOMATIBLE/BI
E2      USPAT          270756      AUTOMATIC/BI
E3      USPAT               0 -->  AUTOMATIC VERIFICATION SYSTEM/BI
E4      USPAT               1      AUTOMATIC9050/BI
E5      USPAT             116      AUTOMATICA/BI
E6      USPAT               1      AUTOMATICA1LY/BI
E7      USPAT               3      AUTOMATICAALLY/BI
E8      USPAT               1      AUTOMATICABLY/BI
```

```
E9      USPAT                    1      AUTOMATICADLY/BI
E10     USPAT                    1      AUTOMATICAIIY/BI
E11     USPAT                  452      AUTOMATICAL/BI
E12     USPAT                    1      AUTOMATICAL1Y/BI
```

=> e address verification system

```
E#      FILE            FREQUENCY  TERM
--      ----            ---------  ----
E1      USPAT                    1      ADDRESPONSE/BI
E2      USPAT               132812      ADDRESS/BI
E3      USPAT                    0  --> ADDRESS VERIFICATION SYSTEM/BI
E4      USPAT                   20      ADDRESS0/BI
E5      USPAT                    1      ADDRESS0-6/BI
E6      USPAT                    1      ADDRESS000X/BI
E7      USPAT                    1      ADDRESS00ABSOLUTETOPLEFT/BI
E8      USPAT                    1      ADDRESS010/BI
E9      USPAT                    1      ADDRESS015/BI
E10     USPAT                   46      ADDRESS1/BI
E11     USPAT                    1      ADDRESS1(31:0/BI
E12     USPAT                    1      ADDRESS1+0H/BI
```

FILE 'EPOABS' ENTERED AT 15:30:23 ON 08 DEC 1998

```
  * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
    *      E U R O P E A N   P A T E N T   A B S T R A C T S      *
  * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
```

=> e cybersource /as

```
E#      FILE            FREQUENCY  TERM
--      ----            ---------  ----
E1      EPOABS                   1      CYBERSONIC/AS
E2      EPOABS                   2      CYBERSONICS/AS
E3      EPOABS                   0  --> CYBERSOURCE/AS
E4      EPOABS                   2      CYBERTEK/AS
E5      EPOABS                   5      CYBERTRON/AS
E6      EPOABS                   3      CYBERTRONICS/AS
E7      EPOABS                   2      CYBERWARE/AS
E8      EPOABS                  16      CYBEX/AS
E9      EPOABS                   1      CYBIOTRONICS/AS
E10     EPOABS                   3      CYBOR/AS
E11     EPOABS                  12      CYBOREX/AS
E12     EPOABS                   5      CYBORG/AS
```

=> e pettitt /in

```
E#      FILE            FREQUENCY  TERM
--      ----            ---------  ----
E1      EPOABS                   2      PETTITE, ALAN JACK/IN
E2      EPOABS                   1      PETTITO, SR JOHN J/IN
E3      EPOABS                   0  --> PETTITT/IN
E4      EPOABS                   1      PETTITT, BRIAN/IN
E5      EPOABS                   3      PETTITT, D/IN
```

```
E6       EPOABS                  1    PETTITT, DAVID J/IN
E7       EPOABS                  7    PETTITT, EDWARD D/IN
E8       EPOABS                  1    PETTITT, EDWARD DOUGLAS/IN
E9       EPOABS                  1    PETTITT, GEORGE F/IN
E10      EPOABS                  1    PETTITT, GREGORY S/IN
E11      EPOABS                  1    PETTITT, JAMES H/IN
E12      EPOABS                  2    PETTITT, MARTIN J/IN

=> s fraud (10w) credit card

           244 FRAUD
          1916 CREDIT
         13987 CARD
          1027 CREDIT CARD
                 (CREDIT(W)CARD)
L1           8 FRAUD (10W) CREDIT CARD


=> d his


     (FILE 'USPAT' ENTERED AT 15:29:19 ON 08 DEC 1998)

     FILE 'EPOABS' ENTERED AT 15:30:23 ON 08 DEC 1998
                E CYBERSOURCE /AS
                E PETTITT /IN
L1           8 S FRAUD (10W) CREDIT CARD

=> d l1 all

=> s credit card verification system

          1916 CREDIT
         13987 CARD
          1776 VERIFICATION
        357969 SYSTEM
L2           6 CREDIT CARD VERIFICATION SYSTEM
                 (CREDIT(W)CARD(W)VERIFICATION(W)SYSTEM)

=> file jpo

FILE 'JPO' ENTERED AT 15:41:07 ON 08 DEC 1998

    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
    *                     G  P  I                               *
    *     J A P A N E S E   P A T E N T   A B S T R A C T S     *
    *                                                           *
    *     THE FILE IS CURRENT THROUGH JULY 31, 1998.            *
    * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *

=> e automatic verification system

E#      FILE              FREQUENCY  TERM
--      ----              ---------  ----
E1      JPO                     23   AUTOMATIALLY/BI
E2      JPO                 152176   AUTOMATIC/BI
E3      JPO                      0 --> AUTOMATIC VERIFICATION SYSTEM/BI
```

```
E4      JPO                 3      AUTOMATICA/BI
E5      JPO                 2      AUTOMATICABLY/BI
E6      JPO                 1      AUTOMATICAILY/BI
E7      JPO               288      AUTOMATICAL/BI
E8      JPO                 1      AUTOMATICALEY/BI
E9      JPO                 2      AUTOMATICALIY/BI
E10     JPO                 1      AUTOMATICALKY/BI
E11     JPO                14      AUTOMATICALL/BI
E12     JPO                 2      AUTOMATICALLAY/BI

=> e cybersource /as

E#      FILE            FREQUENCY  TERM
--      ----            ---------  ----
E1      JPO                 1      CYBERMEDIA INC/AS
E2      JPO                 1      CYBEROPTICS CORP/AS
E3      JPO                 0 -->  CYBERSOURCE/AS
E4      JPO                 1      CYBERWERKS INTERACTIVE LTD LIABILITY CO
                                   /AS
E5      JPO                 2      CYGNET SYST INC/AS
E6      JPO                 7      CYMER INC/AS
E7      JPO                 1      CYMER LASER TECHNOL/AS
E8      JPO                 1      CYNOVA SA/AS
E9      JPO                 4      CYPRESS SEMICONDUCTOR CORP/AS
E10     JPO                 2      CYPRESS SEMICONDUCTOR INC/AS
E11     JPO                 2      CYPROS PHARMACEUT CORP/AS
E12     JPO                22      CYRIX CORP/AS

=> e cyber source /as

E#      FILE            FREQUENCY  TERM
--      ----            ---------  ----
E1      JPO                 1      CVT VERWALT GMBH CO PATENTVERWERT KG/AS
E2      JPO                 1      CYBER SCIENT INC/AS
E3      JPO                 0 -->  CYBER SOURCE/AS
E4      JPO                 1      CYBERCASH INC/AS
E5      JPO                 2      CYBERFLUOR INC/AS
E6      JPO                 1      CYBERGLASS LTD/AS
E7      JPO                 1   ·  CYBERMATION INC/AS
E8      JPO                 1      CYBERMEDIA INC/AS
E9      JPO                 1      CYBEROPTICS CORP/AS
E10     JPO                 1      CYBERWERKS INTERACTIVE LTD LIABILITY CO
                                   /AS
E11     JPO                 2      CYGNET SYST INC/AS
E12     JPO                 7      CYMER INC/AS

=> s credit card verification

        1075 CREDIT
       38161 CARD
        2309 VERIFICATION
L3         0 CREDIT CARD VERIFICATION
                (CREDIT(W)CARD(W)VERIFICATION)

=> e verification

E#      FILE            FREQUENCY  TERM
```

```
   --        ----             ----------  ----
   E1     JPO                      9      VERIFICATING/BI
   E2     JPO                      2      VERIFICATIOIN/BI
   E3     JPO                   2309 -->  VERIFICATION/BI
   E4     JPO                     14      VERIFICATIONS/BI
   E5     JPO                      1      VERIFICATOIN/BI
   E6     JPO                      1      VERIFICATON/BI
   E7     JPO                      1      VERIFICATORY/BI
   E8     JPO                      1      VERIFICATUON/BI
   E9     JPO                      1      VERIFIEA/BI
   E10    JPO                   1208      VERIFIED/BI
   E11    JPO                     82      VERIFIER/BI
   E12    JPO                      5      VERIFIERS/BI

   => s credit card VERIFICATIOIN

              1075  CREDIT
             38161  CARD
                 2  VERIFICATIOIN
   L4            0  CREDIT CARD VERIFICATIOIN
                      (CREDIT(W)CARD(W)VERIFICATIOIN)

   => s credit card VERIFICATION

              1075  CREDIT
             38161  CARD
              2309  VERIFICATION
   L5            0  CREDIT CARD VERIFICATION
                      (CREDIT(W)CARD(W)VERIFICATION)

   => s credit card authentification

              1075  CREDIT
             38161  CARD
                25  AUTHENTIFICATION
   L6            0  CREDIT CARD AUTHENTIFICATION
                      (CREDIT(W)CARD(W)AUTHENTIFICATION)

   => s credit card authentification

              1075  CREDIT
             38161  CARD
                25  AUTHENTIFICATION
   L7            0  CREDIT CARD AUTHENTIFICATION
                      (CREDIT(W)CARD(W)AUTHENTIFICATION)

   => s fraud (10w) credit card

                30  FRAUD
              1075  CREDIT
             38161  CARD
               546  CREDIT CARD
                      (CREDIT(W)CARD)
   L8            0  FRAUD (10W) CREDIT CARD

   => e fraud
```

```
E#       FILE            FREQUENCY  TERM
--       ----            ---------  ----
E1       JPO                 2      FRATURES/BI
E2       JPO                 3      FRATURING/BI
E3       JPO                30  --> FRAUD/BI
E4       JPO                 1      FRAUDPROFING/BI
E5       JPO                 4      FRAUDPROOF/BI
E6       JPO                 1      FRAUDPROOFING/BI
E7       JPO                 2      FRAUDS/BI
E8       JPO                 1      FRAUDUENTLY/BI
E9       JPO                 4      FRAUDULENCE/BI
E10      JPO                 1      FRAUDULENCY/BI
E11      JPO                48      FRAUDULENT/BI
E12      JPO                28      FRAUDULENTLY/BI
```

=> s fraud* (10w) credit card

```
            0 FRAUD*
         1075 CREDIT
        38161 CARD
          546 CREDIT CARD
              (CREDIT(W)CARD)
L9          0 FRAUD* (10W) CREDIT CARD
```

=> s fraud? (10w) credit card

```
          108 FRAUD?
         1075 CREDIT
        38161 CARD
          546 CREDIT CARD
              (CREDIT(W)CARD)
L10         0 FRAUD? (10W) CREDIT CARD
```

=> s credit card (10w) fraud?

```
         1075 CREDIT
        38161 CARD
          546 CREDIT CARD
              (CREDIT(W)CARD)
          108 FRAUD?
L11         0 CREDIT CARD (10W) FRAUD?
```

=> s authentification

```
L12         25 AUTHENTIFICATION
```

FILE 'USPAT' ENTERED AT 17:04:33 ON 09 DEC 1998

```
 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
 *               W E L C O M E    T O    T H E               *
 *          U. S.   P A T E N T    T E X T    F I L E         *
 * * * * * * * * * * * * * * * * * * * * * * * * * * * * * * *
```

=> e internet identification system

```
E#       FILE            FREQUENCY  TERM
```

```
      --      ----               ---------   ----
      E1      USPAT                      9   INTERNESTS/BI
      E2      USPAT                   2519   INTERNET/BI
      E3      USPAT                      0 --> INTERNET IDENTIFICATION SYSTEM/BI
      E4      USPAT                      1   INTERNETALLIC/BI
      E5      USPAT                      1   INTERNETCONT/BI
      E6      USPAT                      2   INTERNETPHONE/BI
      E7      USPAT                      1   INTERNETPROTOCOL/BI
      E8      USPAT                     34   INTERNETS/BI
      E9      USPAT                      1   INTERNETT/BI
      E10     USPAT                      3   INTERNETTED/BI
      E11     USPAT                      1   INTERNETTENTLY/BI
      E12     USPAT                      8   INTERNETTING/BI

=> e address verification system

      E#      FILE               FREQUENCY   TERM
      --      ----               ---------   ----
      E1      USPAT                      1   ADDRESPONSE/BI
      E2      USPAT                 132812   ADDRESS/BI
      E3      USPAT                      0 --> ADDRESS VERIFICATION SYSTEM/BI
      E4      USPAT                     20   ADDRESS0/BI
      E5      USPAT                      1   ADDRESS0~6/BI
      E6      USPAT                      1   ADDRESS000X/BI
      E7      USPAT                      1   ADDRESS00ABSOLUTETOPLEFT/BI
      E8      USPAT                      1   ADDRESS010/BI
      E9      USPAT                      1   ADDRESS015/BI
      E10     USPAT                     46   ADDRESS1/BI
      E11     USPAT                      1   ADDRESS1(31:0/BI
      E12     USPAT                      1   ADDRESS1+0H/BI


=> s shared database

            40031 SHARED
            16005 DATABASE
      L1       75 SHARED DATABASE
                  (SHARED(W)DATABASE)


=> s 5812668 /pn

      L1        1 5812668 /PN

=> s l1 and avs

              321 AVS
      L2        1 L1 AND AVS
```

```
?ds

Set      Items    Description
S1     1635795    INTERNET
S2       16616    IP () ADDRESS
S3         952    INTERNET () PROTOCOL () ADDRESS
S4       19940    INTERNET () ADDRESS
S5     1639379    S1 OR S2 OR S3 OR S4
S6      267272    CREDIT () CARD
S7     1205365    TRANSACTION?
S8     1205365    (S6 () S7) OR S7
S9     6052140    OBTAIN? OR RETRIEV? OR GETTING OR GET
S10        179    S9 (10W) S8 (10W) S5
S11     285953    FRAUD
S12         12    S10 AND S11
S13        573    S9 (5N) S8 (5N) S5
S14      34157    S8 (5N) S5
S15       2121    S14 AND FRAUD
S16        118    MAP? AND S15
S17          1    (MAP? (5N) S5) AND S16
S18    4488436    ASSOCI?
S19         63    S18 (7W) S8 (7W) S5
S20         31    S18 (5W) S8 (5W) S5
S21         22    S18 (3W) S8 (3W) S5
S22     285967    S21 OR FRAUD
S23          8    S21 AND FRAUD
S24          0    ASSOCIATING AND S19
S25         11    ASSOCIATES AND S19
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